

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	"6107932" and @ad<"19991208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:39
L2	2	(PEAD or PALM or PDA) with ticket with (distribut\$3 or resell\$3 or provid\$3 or transfer\$3) and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 11:54
L3	241	(PEAD or PALM or PDA) with (ticket or voucher) with (theater or movie or event or sport\$3 or baseball or game or arena or stage or airline or airflight or airplane or train or bus or metro or collisium or show)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:02
L4	11	L3 and @ad<"19991208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 11:47
L5	2	"6385591" and @ad<"19991208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 11:44
L6	2	("6950942").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 11:48
L7	2	("6763463").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/06 11:48
L8	5	"6763463" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 11:54

EAST Search History

L9	49	Guthery.in. and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 11:54
L10	4	L9 and ticket with (distribut\$3 or resell\$3 or provid\$3 or transfer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:41
L11	0	L9 and (data or right or access or admision or voucher or coupon or ticket) with (distribut\$3 or resell\$3 or provid\$3 or transfer\$3) with (smartcard or PDA or PALM or mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:01
L12	1573	(user or subject or customer or client or person or employee) with (data or right or access or admision or voucher or coupon or ticket) with (distribut\$3 or resell\$3 or provid\$3 or transfer\$3) with (smartcard or PDA or PALM or mobile or cell) and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:23
L13	1209	L12 and (theater or movie or event or sport\$3 or baseball or game or arena or stage or airline or airflight or airplane or train or bus or metro or collisium or show)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:27
L14	464	L13 and (decrypt\$4 or decipher\$3 or decod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:04
L15	10181	(user or subject or customer or client or person or employee) with (data or right or access or admision or voucher or coupon or ticket) with (smartcard or PDA or PALM or mobile or cell) and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:25

EAST Search History

L16	6058	(second or "next" or third or additional or multiple or several or various) with (smartcard or PDA or PALM or mobile or cell) and L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:25
L17	2016	L16 and (wireless\$3 or radio or IR or infared or remot\$3 or independent\$3) and (decrypt\$3 or decod\$3 or decipher\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:27
L18	1836	L17 and (theater or movie or event or sport\$3 or baseball or game or arena or stage or airline or airflight or airplane or train or bus or metro or collisium or show)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:28
L19	669	L18 and (admission or access or entry or entrance).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:29
L20	467	L19 and ((portable with electronic with device) or PDA or mobile or laptop or cell or PALM or smartcard or IC).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:30
L21	222	L20 and @ad>"19970101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:30
L23	23	"6085976" and @ad<"19991208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:39
L24	19	L23 and (distribut\$3 or resell\$3 or provid\$3 or transfer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:48

EAST Search History

L25	383	235/384.ccls. and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:54
L26	139	L25 and ((portable with electronic with device) or PDA or mobile or laptop or cell or PALM or smartcard or IC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:47
L27	118	L26 and (distribut\$3 or resell\$3 or provid\$3 or transfer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:48
L28	46	L27 and @ad>"19970101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:48
L29	7	"6101477" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:56
L30	3	"6070146" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 12:56
S1	2	"20010032250"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 14:42
S2	2	("6085976").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/04 09:04

EAST Search History

S3	60	"6085976"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 08:33
S4	21	S3 and @ad<"19991208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/06 11:36
S5	229	((portable with electronic with device) or smartcard or card or PDA or cell or mobile) with (audible or sound or audio) with (represent\$5 or alert\$4 or show\$4 or report\$5) with (code or password or PIN or authorizat\$5 or author\$5 or validat\$5 or verif\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 09:03
S6	82	S5 and @ad<"19991208"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 09:04
S7	1	S6 and 235/384.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 09:05
S8	16	S6 and ("235"/\$.ccls. or "713"/\$.ccls. or "380"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/04 09:06
S9	68	726/9.ccls. and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 15:49
S10	169569	smartcard or (smart near3 card) or (portable near3 device) or PDU	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 14:30



Welcome United States Patent and Trademark Office

[Search Results](#)
[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUIDE](#)
[SUPPORT](#)

Results for "(((pda and travel)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 1999)"

Your search matched 1 of 1430374 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.



» Search Options

[View Session History](#)
[New Search](#)

Modify Search

☐ Check to search only within this results set

 Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☐ 1. Surviving in a fast, nomadic world [mobile computing and communication]
 Kleinrock, L.;
[Information Theory, 1998. Proceedings. 1998 IEEE International Symposium on](#)
 16-21 Aug. 1998 Page(s):4
 Digital Object Identifier 10.1109/ISIT.1998.708581
[AbstractPlus](#) | Full Text: [PDF\(72 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)



Welcome United States Patent and Trademark Office

Search Results

[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)

Results for "(((pda and entertainment)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 1999..."

Your search matched 1 of 1430374 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.



» Search Options

[View Session History](#)[New Search](#)

Modify Search

(((pda and entertainment)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 1999)

[Search](#)☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)[Select All](#) [Deselect All](#)

- ☐ 1. A microkernel-based operating system for personal digital assistants
 Loucks, L.; Manikundalam, R.; Rawson, F.L., III;
Workstation Operating Systems, 1993. Proceedings., Fourth Workshop on
 14-15 Oct. 1993 Page(s):9 - 13
 Digital Object Identifier 10.1109/WWOS.1993.348180
[AbstractPlus](#) | Full Text: [PDF\(448 KB\)](#) IEEE CNF
[Rights and Permissions](#)

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2006 IEEE - All Rights Reserved





Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPORT

Results for:"(((ticket and wireless)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 1999)"

Your search matched 2 of 1430374 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.



» Search Options

[View Session History](#)[New Search](#)

Modify Search

(((ticket and wireless)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 1999)

Search >

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)[Select All](#) [Deselect All](#)

- ☐ 1. **A generalizable service architecture for mobile networks**
 Vickers, B.J.; Badrinath, B.R.;
Mobile Multimedia Communications, 1999. (MoMuC '99) 1999 IEEE International Workshop on
 15-17 Nov. 1999 Page(s):221 - 225
 Digital Object Identifier 10.1109/MOMUC.1999.819493
[AbstractPlus](#) | Full Text: [PDF](#)(408 KB) IEEE CNF
[Rights and Permissions](#)
- ☐ 2. **Distributed quality-of-service routing in ad hoc networks**
 Shigang Chen; Nahrstedt, K.;
Selected Areas in Communications, IEEE Journal on
 Volume 17, Issue 8, Aug. 1999 Page(s):1488 - 1505
 Digital Object Identifier 10.1109/49.780354
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(336 KB) IEEE JNL
[Rights and Permissions](#)

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2006 IEEE – All Rights Reserved



Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPORT

Results for "(((portable and device and authentication)<in>metadata)) <and> (pyr >= 1950 <and>g..."

Your search matched 3 of 1430374 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

e-mail printer friendly

» Search Options

[View Session History](#)[New Search](#)

Modify Search

(((portable and device and authentication)<in>metadata)) <and> (pyr >= 1950 <and>

[Search](#) >☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[view selected items](#)[Select All](#) [Deselect All](#)

- ☐ 1. **The KryptoKnight family of light-weight protocols for authentication and key distribution**
Bird, R.; Gopal, I.; Herzberg, A.; Janson, P.; Kuttan, S.; Molva, R.; Yung, M.;
[Networking, IEEE/ACM Transactions on](#)
Volume 3, Issue 1, Feb. 1995 Page(s):31 - 41
Digital Object Identifier 10.1109/90.365435
[AbstractPlus](#) | Full Text: [PDF\(1116 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **Fully-fledged two-way public key authentication and key agreement for low-cost terminals**
Beller, M.J.; Yacobi, Y.;
[Electronics Letters](#)
Volume 29, Issue 11, 27 May 1993 Page(s):999 - 1001
[AbstractPlus](#) | Full Text: [PDF\(228 KB\)](#) IEE JNL
- ☐ 3. **Secure multicast extensions for mobile networks**
Shankaran, R.; Varadharajan, V.; Hitchens, M.;
[Local Computer Networks, 1999, LCN '99, Conference on](#)
18-20 Oct. 1999 Page(s):106 - 116
Digital Object Identifier 10.1109/LCN.1999.802004
[AbstractPlus](#) | Full Text: [PDF\(88 KB\)](#) IEEE CNF
[Rights and Permissions](#)

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE.org](#)

© Copyright 2006 IEEE – All Rights Reserved



EAST Search History

S67	1285	S66 and authenticat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 16:46
S68	361	S56 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 16:47
S69	361	S68 and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/30 16:48
S70	5	"6175922" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 16:59
S71	1	S70 and ticket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 15:56
S72	4	S70 and (ticket or voucher or admission or access or entry or entrance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 15:55
S73	2	("6175922").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/03 16:51
S74	1	S73 and ticket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:14

EAST Search History

S75	2	("7072988").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/03 16:45
S76	1	(S73 or S70) and (((transfer\$3 or provid\$3 or distribut\$4 or rout\$3 or send\$3 or deliver\$3) with (other or various or another or second) with (user or person or customer or client or subject or PDA or PEAD or device)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 16:55
S77	1	(S73 or S70) and (((transfer\$3 or provid\$3 or distribut\$4 or rout\$3 or send\$3 or deliver\$3 or exchang\$3) with (other or various or another or second or several or third or multiple or variety or numerous or many) with (user or person or customer or client or subject or PDA or PEAD or device or friend or family or group)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 16:58
S78	20	((PEAD or PALM or smartcard or mobile or PDA) with (transfer\$3 or provid\$3 or distribut\$4 or rout\$3 or send\$3 or deliver\$3 or exchang\$3) with (other or various or another or second or several or third or multiple or variety or numerous or many) with (user or person or customer or client or subject or PDA or PEAD or device or friend or family or group) with (ticket))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:03
S79	1	S78 and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:05
S80	492	(PEAD or PALM or smartcard or mobile or PDA) and (((transfer\$3 or provid\$3 or distribut\$4 or rout\$3 or send\$3 or deliver\$3 or exchang\$3) with (other or various or another or second or several or third or multiple or variety or numerous or many or group) with ticket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:21

EAST Search History

S81	56	S80 and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:19
S82	44	S81 and (theater or game or collisium or plane or train or movie or stage or play or bus)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:17
S83	4	"6107932" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:10
S84	5	"6658390" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:13
S85	7	"6223291" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:15
S86	1	S85 and ticket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:41
S87	5	"6463534" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:15
S88	1412	tickets with (theater or game or collisium or plane or train or movie or stage or play or bus) with (electronic or digital or smartcard or PEAD or PDA or PALM or mobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:18

EAST Search History

S89	1710	tickets with (theater or game or collisium or plane or train or movie or stage or play or bus) with (electronic or digital or smartcard or PEAD or PDA or PALM or mobile or ecommerce or "e-commerce" or Internet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:19
S90	265	S89 and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:40
S91	132	S90 and ((transfer\$3 or provid\$3 or distribut\$4 or rout\$3 or send\$3 or deliver\$3) with (other or various or another or second or many or multiple or second or third or several or group or family))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:25
S92	8	S91 and ((PEAD or PALM or smartcard or mobile or PDA) with (user or subject or person or personal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:22
S93	60	S91 and @ad>"19970101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:25
S94	3	"6453300" and @ad<"19991208"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:40
S95	2	S94 and ticket	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 17:41